

ABSTRACT OF THE DISCLOSURE

A spindle motor, in which the number of parts is kept from increasing and the number of assembling processes is reduced, and which has mechanisms for self-balancing and centrally aligning a disk, comprises a motor assembly (31) for rotating a disk (30) as a recording medium, a turntable (12) for mounting the disk (30), and a holder plate (14) disposed under the turntable (12). The mechanism for self-balancing is structured such that a plurality of steel balls (16) are disposed within an annular space (22) defined by the turntable (12) and the holder plate (14), and the mechanism for centrally aligning the disk (30) is constituted by a plurality of claw-shaped aligning members (5) formed at the inner circumference of the holder plate (14).